

AUG 16 2005

Atty Docket No. 021801-001110US

PTO FAX NO.: (571) 273-8300

ATTENTION: Examiner LEE, CALVIN

Group Art Unit 2818

**OFFICIAL COMMUNICATION  
FOR THE PERSONAL ATTENTION OF  
EXAMINER LEE, CALVIN**

**CERTIFICATION OF FACSIMILE TRANSMISSION**

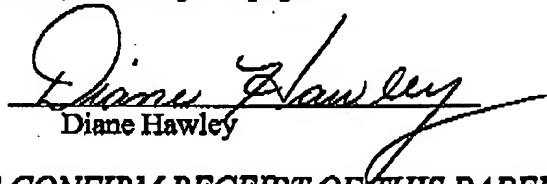
I hereby certify that the following documents in re Application of KYU HYUN CHOI, Application No. 10/820,189, filed April 6, 2004 for METHOD OF MANUFACTURING NON-VOLATILE DRAM are being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Documents Attached

- 1) Transmittal Form (1 p);
- 2) Fee Transmittal for FY 2005 (1 p in duplicate); and
- 3) Information Disclosure Statement w/o references (3 pp).

Number of pages being transmitted, including this page: 7

Dated: August 16, 2005

  
Diane Hawley

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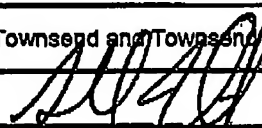
TOWNSEND and TOWNSEND and CREW LLP  
Two Embarcadero Center, Eighth Floor  
San Francisco, CA 94111-3834  
Telephone: (650) 326-2400  
Fax: (650) 326-2422

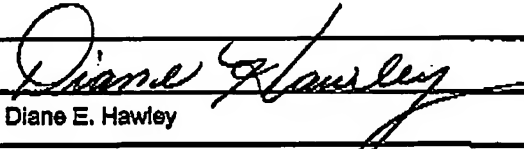
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AUG 17 2005

PTO/SB/21 (09-04)

<b>TRANSMITTAL FORM</b>  <small>(to be used for all correspondence after initial filing)</small>	Application Number	10/820,189
	Filing Date	April 6, 2004
	First Named Inventor	Choi, Kyu Hyun
	Art Unit	2818
	Examiner Name	LEE, CALVIN
	Attorney Docket Number	021801-001110US
Total Number of Pages in This Submission		5

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Postcard PTO/SB/08A & PTO/SB/08B
Remarks The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm Name	Townsend and Townsend and Crew LLP	
Signature		
Printed name	Ardeshir Tabibi	
Date	August 16, 2005	Reg. No. 48,750

CERTIFICATE OF TRANSMISSION/MAILING		
I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, Fax No. (571) 273-8300 on August 16, 2005.		
Signature		
Typed or printed name	Diane E. Hawley	Date August 16, 2005

60565107 v1

PTO/SB/17 (12-04)

Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). <b>FEE TRANSMITTAL</b> <b>For FY 2005</b>		<b>Complete if Known</b> Application Number <b>10/820,189</b> Filing Date <b>April 6, 2004</b> First Named Inventor <b>Choi, Kyu Hyun</b> Examiner Name <b>LEE, CALVIN</b> Art Unit <b>2818</b> Attorney Docket No. <b>021801-001110US</b>		RECEIVED CENTRAL FAX CENTER AUG 16 2005
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27				
<b>TOTAL AMOUNT OF PAYMENT</b> (\$) <b>180</b>				

**METHOD OF PAYMENT (check all that apply)**

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_  
☒ Deposit Account Deposit Account Number: 20-1430 Deposit Account Name: Townsend and Townsend and Crew LLP  
 For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)  
☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee  
☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments  
 WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-3036

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Small Entity	
	Fee (\$)	Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)
-20 or HP =	x	=		Fee (\$)	Fee Paid (\$)	
HP = highest number of total claims paid for, if greater than 20						
Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)			
-3 or HP =	x	=				
HP = highest number of independent claims paid for, if greater than 3						

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x		

**4. OTHER FEE(S)**

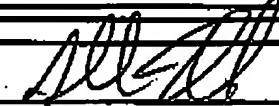
Non-English Specification, \$130 fee (no small entity discount)

Other: Submission of Information Disclosure Stmt

Fees Paid (\$)

180

**SUBMITTED BY**

Signature		Registration No. (Attorney/Agent) <b>48,750</b>	Telephone <b>650-326-2400</b>
Name (Print/Type)	<b>Ardeshtir Tabibi</b>		Date

60563473 v1

**PATENT**  
Attorney Docket No.: 021801-001110US

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CENTRAL FAX CENTER

**AUG 16 2005**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

**KYU HYUN CHOI**

Application No.: 10/820,189

Filed: April 6, 2004

For: **METHOD OF MANUFACTURING  
NON-VOLATILE DRAM**

Examiner: Lee, Calvin

Art Unit: 2818

**INFORMATION DISCLOSURE  
STATEMENT UNDER 37 CFR §1.97 and  
§1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references are not enclosed.

It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

This IDS is being filed before the mailing date of the final Office Action or Notice of Allowance.

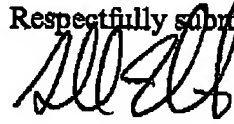
08/17/2005 AAD0FD1 00000014 201430 10820189  
01 FC:1806 180.00 DA

KYU HYUN CHOI  
Application No.: 10/820,189  
Page 2

PATENT

Please charge the IDS fee of \$180 to Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



Ardeshir Tabibi  
Reg. No. 48,750

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AT:rlj  
60415190 v1

PTO/SB/08B (08-03)

Substitute for form 1449B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	10/820,189	
			Filing Date	April 6, 2004	
			First Named Inventor	Choi, Kyu Hyun	
			Art Unit	2818	
			Examiner Name	Lee, Calvin	
Sheet	1	of	1	Attorney Docket Number	021801-001110US

U.S. PATENT DOCUMENTS+						
Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number Kind Code <sup>2</sup> (if known)				
	1	US-5,408,115	04-18-1995	Chang		
	2	US-6,242,774	08-05-2001	Sung		
	3	US-6,888,293	05-14-2002	Ogura et al.		
	4	US-2003/0229268	12-04-2003	Choi		

FOREIGN PATENT DOCUMENTS								
Examiner Initials <sup>a</sup>	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
								<input type="checkbox"/>
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								<input type="checkbox"/>

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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